

**Center of Science Industry (COSI)**  
**Electronic Education**  
**Teacher Professional Development**

Goal: improving teacher quality

Summary: COSI's Electronic Education program is only as successful as the teachers who are comfortable incorporating technology into their classrooms. COSI offers teachers two professional development opportunities.

**Purpose:**

Teacher Training - A 45-minute basic introduction to video conferencing, with an overview of COSI's programs with sample hands-on activities for the teachers to try. Also included are a Q & A period and tips and suggestions for incorporating video conferencing into classroom curriculum on a regular basis. A kit of materials is sent to the school so participants can experience the videoconference activities in the same way their students will. Cost per program: \$75.

Introduction to Inquiry-Based Learning – A hour and a half session which serves as an introduction to inquiry-based teaching and learning and how it is beneficial to students. Teachers forward their questions about inquiry to COSI in advance of the session. A kit of materials is sent to the schools with handouts and activities for up to 30 teachers. This program is a multi point connection with up to 3 school districts connecting at once. Cost per program: \$150/each connection

Accomplishments/Results: These programs have impacted 3,264 teachers in 13 states since 1999. Our goal with teachers programs is to encourage the incorporation of video conferencing as a regular teaching tool. We typically see a high return of programs reserved after a teacher training occurs.

Future Plans: We expect to modify our Teacher Training program so it reflects the new programming planned in the next several months. We have two new programs started or starting in the next 10 months and will use this Teacher Training audience to promote and market these new programs. In the remainder of the 2002-2003 school year we will connect to three new states with the Teacher Training program.